| Index | of C | laim |
|--------|------|--------|
| IIIUEX | UIU | ıaııı: |



Application/Control No.

10/537,940

Examiner

Reexamination HAASE ET AL.

Applicant(s)/Patent under

Art Unit

Jason M. Nolan, Ph.D.

1626

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| | | | · | | | | | | | |
|--------------|----------------|--|--------------|----------|----------|--|--|----------|--------------|------------------|
| Cla | aim | Date | | | | | | | | |
| Final | Original | 11/10/06 | 4/18/07 | | | | | | | |
| | 1 | 1 | = | H | | | _ | | Н | $\overline{}$ |
| | 2 | 1 | - | | | | | | | |
| | 3 | 1 | 0 | | | | | | | |
| | 3 4 | 1 | 0 | | | | | | | |
| | 5 | 1 | 0 | | | | | | | |
| | 6 | 0 | - | | | | | | | |
| | 7 8 | 0 | 0 | | | | | | | |
| | 8 | 0 | 0 | | | | | | | |
| | 9 | 0 | 0 | | | | | | | |
| | 10 11 12 | 0 | 0 | | | | | | | |
| | 11 | 0 | 0 | | | | | | | |
| | 12 | 0 | 0 | | | | | | | |
| | 13 14 15 | 0 | 0 | | | | | | | |
| | 14 | 0 | 0 | | | \Box | | | | |
| | 15 | 0 | 0 | 匚 | | | | | | |
| | 16 17 18 | 0 | 0 | | | | | | | |
| | 17 | 0 | 0 | | | | | | | |
| | 18 | 0 | - | | | | L | L | | |
| | 19 20 | 0 | Ŀ | L | | | | | | |
| | 20 | 0 | - | | | | | | | |
| | 21 | 0 | 0 | _ | L. | | | | | |
| | 22 23 | 0 | = | | | | | | | |
| | 23 | 0 | = | _ | L | L | | | | |
| | 24 25 | - | <u>-</u> | | | | | | | |
| | 25 | : | <u>-</u> | | | _ | | | | |
| | 26 | 1 | 트 | _ | | L | _ | _ | _ | |
| | 27 28 29 | = | = | | L., | L | | L | | |
| | 28 | <u> </u> - | Ŀ | | | <u> </u> | | | | |
| | 29 | V | <u> </u> | | | _ | | | Ŀ | |
| | 30 31 | 1 | ╘ | _ | | _ | | | | L |
| | 31 | _ | <u> </u> | <u> </u> | _ | <u> </u> | | L | | |
| | 32 | _ | | _ | | | _ | \vdash | | |
| | 33 34 | <u> </u> | ⊢ | - | _ | ⊢ | _ | | _ | _ |
| | | | | - | _ | | _ | <u> </u> | ⊢ | \vdash |
| | 35 | ⊢ | ⊢ | Ή | H | <u> </u> | - | - | - | \vdash |
| | 36 37 | ⊢ | ⊢ | ┢ | <u> </u> | <u> </u> | _ | ⊢ | ⊢ | \vdash |
| <u> </u> | | | \vdash | \vdash | \vdash | | | - | - | - |
| | 38 39 | ⊢ | - | | - | | <u> </u> | | _ | |
| <u> </u> | 40 | ⊢ | ⊢ | ⊢ | <u> </u> | ┝ | ┝ | ┝ | | - |
| | 41 | ⊢ | ┢ | \vdash | | \vdash | ┝ | - | - | |
| | 42 | ├- | - | ├- | ├— | \vdash | \vdash | ├ | ├— | - |
| <u> </u> | 42 | ╁ | \vdash | \vdash | ⊢ | \vdash | \vdash | - | - | |
| | 44 | \vdash | | ├ | \vdash | ⊢ | ⊢ | - | | - |
| | 45 | ├─ | | \vdash | \vdash | \vdash | \vdash | - | | - |
| | 46 | - | ├ | \vdash | \vdash | \vdash | ├ | \vdash | \vdash | |
| \vdash | 47 | - | \vdash | - | \vdash | \vdash | \vdash | - | - | - |
| | 48 | | ├ | \vdash | \vdash | \vdash | ├ | ┢ | \vdash | |
| | 49 | \vdash | - | 1 | | \vdash | \vdash | \vdash | \vdash | |
| | 50 | | † | \vdash | - | | | \vdash | \vdash | |
| L | , | 1 | 1 | | 1 | t | ı | 1 | • | ı ' |

| Cla | im | Date | | | | | | | | |
|----------|----------|--------------|---------------|--|-----------------|--------------|--------------|----------|---------------------------|---|
| | | | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 51 | | | | | | | | | |
| | 52 | | | | | | | | | |
| | 53 | | | | | | | | | |
| | 54 | | _ | | | | | | | |
| | 55 | | _ | | | | | | | |
| - | 56 | | _ | | | | | | | |
| - | 57 58 | _ | <u> </u> | | - | _ | _ | | - | |
| | 59 | | - | H | | | | | | |
| - | 60 | - | 7.0 | | - | _ | | | | _ |
| - | 61 | _ | | | | | ÷ | | | _ |
| | 61 | _ | | | | | _ | | - | |
| | 63 | \Box | _ | | | | | | | |
| | 64 | | | | | | | | | |
| | 65 | | | | | | | | | |
| | 66 | | | | | | | | | |
| | 67 | | | | | | | | | |
| | 68 | | | | | | _ | | | |
| | 69 | _ | _ | <u>L</u> | | | _ | | _ | |
| | 70 | _ | _ | <u> </u> | | | _ | | $ldsymbol{ldsymbol{eta}}$ | |
| | .71 | _ | <u> </u> | | _ | | | | <u> </u> | |
| | 72 73 | _ | - | | | _ | | | _ | |
| - | 74 | - | \vdash | \vdash | | - | | | - | |
| | 75 | _ | H | | | | | - | | |
| - | 76 | | ⊢ | - | | - | | | \vdash | |
| | 77 | | \vdash | \vdash | - | - | | | \vdash | |
| | 78 | \vdash | \vdash | | | | | | | |
| | 78 79 | | | | | | | | | |
| | 80 | | | | | | | | | |
| | 81 | | | | | | | | | |
| | 82 | | | | | | | | | |
| | 83 | <u> </u> | <u> </u> | <u> </u> | | | ļ | | <u> </u> | |
| - | 84 | _ | _ | \vdash | $\vdash \vdash$ | - | <u> </u> | - | ⊢ | |
| \vdash | 85 86 | | | | | H | H | \vdash | \vdash | _ |
| - | 87 | | \vdash | - | | - | _ | | - | _ |
| \vdash | 88 | \vdash | | | - | | H | H | H | |
| | 89 | | - | - | <u> </u> | | | - | \vdash | - |
| - | 90 | <u> </u> | Г | \vdash | | | Г | | Г | |
| | 91 | Γ | Г | Π | | | | | | |
| | 92 | | | | | | | | | |
| | 93 | | | | | | | | | |
| | 94 | | | | | | L | 匚 | Ŀ | |
| | 95 | <u> _</u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u>_</u> | <u> </u> | L |
| | 96 | <u> </u> | <u> </u> | L _ | <u> </u> | <u> </u> | _ | _ | <u> </u> | _ |
| - | 97 | - | | ├ | - | _ | \vdash | | <u> </u> | |
| | 98 99 | \vdash | \vdash | - | | | - | \vdash | \vdash | _ |
| | 100 | ┢ | - | H | \vdash | \vdash | - | \vdash | \vdash | - |
| L | 1.00 | Ц. | L | | L | | Щ. | Ц_ | — | |

| Claim | | Date | | | | | | | | | |
|-------|---|----------|-------------------------------------|----------|----------|-------------------------------------|--------------|-------------------------------------|----------|----------|----|
| | | | | | | | | | | | |
| ਬ | Original | | | | | | | | | | |
| Final | rig | | | | | | | | | | |
| | | | | | | | | | | | |
| | 101 | | | | | | | | | | |
| | 101 102 | | | | | | | | | | |
| | 103 | | | \neg | _ | | | | | | |
| | 103 104 105 | | | | | | | | | _ | |
| | 105 | | | | | | | | | | |
| - | 106 | | | | | | | | | | |
| | 107 | | | | | | | | | | |
| | 108 | | | | | | | | | | |
| | 109 | | | | | | | | | | |
| | 110 | | | | | | | | | | |
| | 111 | | | | | | | | | | |
| | 112 | | | | | | | | | | |
| | 113 | | | | | | | | | | |
| | 106 107 108 109 110 111 112 113 114 115 | | | | | | | | | | |
| | 115 | | | | | | | | | | ŀ |
| | 116 117 118 | | | | | Γ | | | | | ļ |
| | 117 | | | | | | | | | | |
| | 118 | | | | | | | | | | l |
| | 119 | | | | | | | | | | 1 |
| | 120 | | | | | | | | | | ١ |
| | 121 | | | | | | | | | | 1 |
| | 122 | | | | | | | | | | |
| | 123 | | | | | | | | | | 1 |
| | 120 121 122 123 124 125 126 127 128 129 130 131 132 | | | | | | | | | |]. |
| | 125 | | | | | | | | | | |
| | 126 | | | | | | | | | | |
| | 127 | | | | | | | | | | |
| | 128 | | | | | | | | | | |
| | 129 | | | | | | | | | | |
| | 130 | | | | | | | | | | |
| | 131 | | | | | | | | | | |
| | 132 | | | | | | | | | | 1 |
| | 133 | L_ | | | | | | | | L | ļ |
| | 134 | | Ш | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_ | _ | _ | _ | Į |
| | 134 135 136 | | _ | | | L. | $oxed{oxed}$ | | | _ | 1 |
| | 136 | | | | | <u> </u> | L | | _ | L | 1 |
| | 137 | | | | | <u> </u> | | | | _ | |
| | 137 138 139 140 | | | | | L | Щ | | | L_ | |
| | 139 | | _ | _ | | <u> </u> | L | _ | _ | | |
| | 140 | | | | | Ľ. | <u> </u> | | | | |
| | 141 | _ | | <u> </u> | | L. | <u> </u> | | _ | | |
| | 142 | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | _ | <u> </u> | 1 |
| _ | 143 | \sqcup | <u> </u> | _ | _ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | 1 |
| | 144 | _ | <u> </u> | L | | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> | |
| | 145 | _ | L | | L. | _ | <u> </u> | | <u> </u> | <u> </u> | |
| | 146 | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | <u> </u> | L | <u> </u> | 1 |
| | 147 | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> | ١ |
| | 148 | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 1 |
| | 149 | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> | <u> </u> | ⊢ | <u> </u> | <u> </u> | | 1 |
| | 150 | | | L. | <u> </u> | | $oxed{oxed}$ | L | L | | |